

Atty. Docket No.: VI/99-024.CIP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
 GRIFFITHS, et al.)
)
 Serial No.: 10/064,846) Art Unit: 2821
)
 Filed: August 22, 2002) Examiner: To be assigned
)
 For: COMMUNICATION SYSTEMS FOR USE)
 WITH MAGNETIC RESONANCE)
 IMAGING SYSTEMS)

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner
for Patents
Washington, D.C. 20231

Dear Sir:

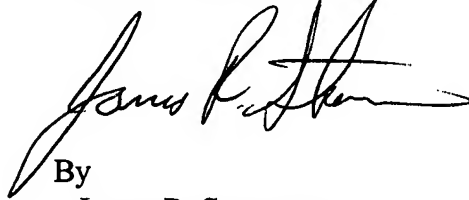
In compliance with Applicant's duty of disclosure under 37 C.F.R. § 1.56,
Applicant submits the attached Forms PTO-1449 listing references for consideration by
the Examiner.

The references cited in the attached Forms PTO-1449 have been made of record in
parent Application Series No. 09/586,140, and copies thereof may be found in the
corresponding application file. Applicant requests the Examiner to make the noted
references of record in the file of this application.

The Examiner is respectfully requested to initial the attached Forms PTO-1449 to
indicate consideration of the references, and to return copies of the initialed forms to the
undersigned counsel.

This Information Disclosure Statement is being filed before the mailing of a first Office Action on the merits, and NO FEE is due for consideration of this Information Disclosure Statement.

Respectfully submitted,



By

James R. Stevenson
Reg. No. 38,755

Dated: February 27, 2003

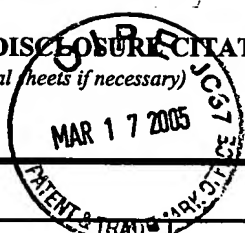
CERTIFICATE OF MAILING

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited on February 27, 2003, with the United States Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, DC 20231.

James R. Stevenson



INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)



Docket Number (Optional) VI/99-024.C		Application Number 10/064,846
Applicant(s) GRIFFITHS, et al.		
Filing Date 8/22/2002	Group Art Unit 2821	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,523,523	8/11/1970	Reich, et al.			
	AB	3,812,843	5/28/1974	Wootten, et al.			
	AC	3,880,138	4/29/1975	Wootten, et al.			
	AD	3,888,239	6/10/1975	Rubinstein			
	AE	4,006,736	2/8/1977	Kranys, et al.			
	AF	4,044,757	8/30/1977	McWhorter, et al.			
	AG	4,502,488	3/5/1985	Degironimo, et al.			
	AH	4,585,009	4/29/1986	Barker, et al.			
	AI	4,613,328	9/23/1986	Boyd			
	AJ	4,619,653	10/28/1986	Fischell			
	AK	4,677,980	7/7/1987	Reilly, et al.			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	AL	DE 44 40 619	8/31/1995	Germany			✓	
	AM	DE 196 21 393	12/4/1997	Germany			✓	
	AN	EP 0 105 550	4/18/1984	Europe				
	AO	EP 0 495 287	7/22/1992	Europe				
	AP	EP 0 518 100	12/16/1992	Europe			✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AQ	Nishiura, N., et al., "An Optical and RF Telemetry Drug Injection Control and ECG System For Awake Small Animal Studies," Proceedings of the Annual International Conference of the Engineering in Medicine and Biology Society, Orlando, FL, IEEE, Vol. 13, Conf. 5, pages 2162-2163 (1991).
	AR	"Market Scan," Diagnostic Imaging, page 61 (September 1988).

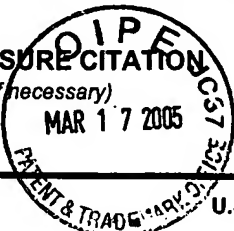
EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

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ATTY DOCKET NO.

VI/99-024 . IP

SERIAL NO.

10/064,846

GRIFFITHS, et al.

FILING

8/22/2002

GROUP

2821

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AS		4,695,271	9/22/1987	Goethel			
AT		4,737,712	4/12/1988	Stormont, et al.			
AU		4,840,620	6/20/1989	Kobayashi, et al.			
AV		4,854,324	8/8/1989	Hirschman, et al.			
AW		4,885,538	12/5/1989	Hoenniger III, et al.			
AX		4,981,137	1/1/1991	Kondo, et al.			
AY		5,027,824	7/2/1991	Dougherty, et al.			
AZ		5,030,201	7/9/1991	Palestrant			
BA		5,134,373	7/28/1992	Tsuruno, et al.			
BB		5,236,417	8/17/1993	Wallis			
BC		5,244,461	9/14/1993	Derlien			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
BD		EP 0 655 220	5/31/1995	Europe				
BE		1-165010	11/17/1989	Japan			✓	
BF		1-223943	9/7/1989	Japan			✓	
BG		1-303139	12/7/1989	Japan			✓	
BH		5-84296	4/6/1993	Japan			✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

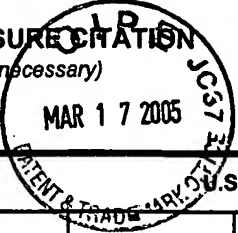
	BI	Injectron MRT Brochure, Medtron MR-Injector, Technical Data (date unknown).
	BJ	CT/MR Injector Brochure, Ulrich GmbH & Co. KG, (November 1999).

EXAMINER	DATE CONSIDERED
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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	ATTY DOCKET NO. VI/99-024		SERIAL NO. 10/064,846
	GRIFFITHS, et al.		
	FILING 8/22/2002	GROUP 2821	

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. VI/99-024.C.		SERIAL NO. 10/064,846	
				GRIFFITHS, et al.			
				FILING 8/22/2002		GROUP 2821	



U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
CC	5,472,403	12/5/1995	Cornacchia, et al.				
CD	5,494,036	2/27/1996	Uber III, et al.				
CE	5,862,803	1/26/1999	Besson, et al.				
CF	Re.36,648	4/11/2000	Uber III, et al.				
CG	US RE37,602 E	3/26/2002	Uber III, et al.				
CH	5,994,984	11/30/1999	Stancil, et al.				

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
						YES	NO	

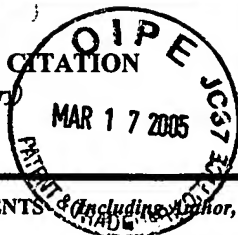
OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)
EXAMINER INITIAL	DOCUMENT NUMBER	Angioject 3 Brochure, CGR, Paris, France (1975).
CI		
EXAMINER INITIAL	DOCUMENT NUMBER	Mallinckrodt, Optistar MR Contrast Delivery System Brochure, OR00200 (February 2000).
CJ		

EXAMINER	DATE CONSIDERED
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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

VI/99-024.C.

Application Number

10/064,846

Applicant(s)

GRIFFITHS, et al.

Filing Date

8/22/2002

Group Art Unit

2821

*EXAMINER
INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CK

International Search Report for Counterpart PCT Application PCT/US01/40826.

CL

"Medrad Targets Market for MRI," Allison Hargraves, Pittsburgh Business Times," Vol. 7, No. 18, p1(2) (December 21, 1987).

CM

"Detection of Acute Avascular Necrosis of the Femoral Head in Dogs: Dynamic Contrast-Enhanced MR Imaging vs. Spin-Echo and STIR Sequences," AJR: 159, pgs. 1255-1261, December 1992.

CN

"An Infusion Pump That Works in MRI," Anesth. Analg. 1993: 77, pg. 645, Letters to the Editor.

CO

Mallinckrodt Optistar MR Digital Injection System, Operator's Manual, 801900-A (November 1999).

CP

Mallinckrodt Optistar MR Digital Injection System, Service and Parts Manual, 801902-A (April 2000).

CQ

Medrad Spectris MR Injection System Service Manual, Catalog Number: SSM200 1, 92901-T-129, Rev. A (1996).

CR

Medrad Spectris MR Injector Operation Manual, SOM 200E, 92901-T-107, Rev. E (1996).

CS

Invivo Research Inc., Millennia 3155 MVS Monitor Operations Manual, IRI PN#9545, Release 3, (March 1998).

CT

Invivo Research Inc., Omni-Trak 3150 MRI Patient Monitor Operations Manual, (January 1998).

CU

Injektron 82 MRT User Instructions, Version MR2, pgs. 5, 30 and 31, (March 10, 1999).

EXAMINER

DATE CONSIDERED

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